

COLUMBIA FALLS
HAZARDOUS WASTE LANDFILL

The 2.6 acre site has been cleared and surveyed. Following the necessary excavation, a 2 foot thick clay pad (1×10^{-7} cm/sec permeability at 95% compaction), will be prepared and covered with 4 inches of gravel. The pad will be contoured so that precipitation will drain to one corner and will be piped to an evaporation pond. Drainage channels will be constructed in the pad to divert water, which has not come into contact with the waste, off the pad. Another diversion channel will be constructed around the pad to prevent run-on.

The project includes covering the two closed landfills with a clay cap and topsoil and reseeding with a native vegetative species. Sufficient clay to close the 1.0 acre landfill and the proposed expansion when it reaches its design capacity, will be stockpiled.

The project also includes a fence to be constructed around the entire site. Regulations require that security be provided to a disposal facility in order to prevent the unauthorized and unknowing entry of persons and livestock to the site. In the past, unauthorized persons have gained access to the existing site.